

Project Title	Funding	Strategic Plan Objective	Institution
Development of a blood-based biomarker for autism	\$124,993	Q1.L.A	University of California, San Francisco
A functional near-infrared spectroscopy study of first signs of autism	\$61,232	Q1.L.A	Stanford University
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$0	Q1.L.A	Autism Consortium
MEG/MRS Dose Response Study of STX209 in ASD	\$59,903	Q1.L.A	Children's Hospital of Philadelphia
Biomarkers in Autism: Bridging Basic Research with Clinical Research	\$13,947	Q1.L.A	Children's Hospital Boston
Evaluating pupil size as a diagnostic tool in autism	\$10,039	Q1.L.A	University of Washington
Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder	\$0	Q1.L.A	Foundation for the National Institutes of Health
Investigating the auditory attentional networks in Autism Spectrum Disorder	\$0	Q1.L.B	CUNY - Queens College
Brain Imaging and Cell Signaling: Insights into the Biology of Autism	\$124,999	Q1.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Extracellular signal-related kinase biomarker development in autism	\$0	Q1.L.B	Cincinnati Children's Hospital
Identification of candidate serum antibody biomarkers for ASD	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Pupillometry: A biomarker of the locus coeruleus and hyperfocused attention	\$60,000	Q1.L.B	Geisinger Clinic
Reliability of sensory-evoked activity in autism	\$0	Q1.L.B	New York University
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	\$96,533	Q1.L.B	Massachusetts General Hospital
The early development of attentional mechanisms in ASD	\$178,903	Q1.L.B	University of Massachusetts, Boston
Interacting with dynamic objects in Autism Spectrum Disorders	\$28,346	Q1.L.B	MGH Institute of Health Professions
Quantification of Learning Algorithm Performance to Inputs of Variable Complexity: Implications for Emotional Intelligence in Autism Spectrum Disorder	\$15,791	Q1.L.B	Children's Hospital Boston
A Web-Based Tool to Assess Social Cognition in ASD-Core	\$32,696	Q1.L.C	The Research Foundation of the State University of New York at Stony Brook
A Web-Based Tool to Assess Social Cognition in ASD-Proejct 1	\$27,262	Q1.L.C	Rush University
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 4	\$19,746	Q1.L.C	Montefiore Medical Center
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3	\$70,914	Q1.L.C	University of Southern California
Advancing a Standardized Research Protocol to Study Treatment Effects in Individuals with Autism Spectrum Disorder	\$151,092	Q1.L.C	Weill Cornell Medical College

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Developing Scalable Measures of Behavior Change for ASD Treatments - Core	\$110,037	Q1.L.C	Weill Cornell Medical College
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 1	\$19,952	Q1.L.C	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Tracking Intervention Effects with Eye Tracking	\$124,982	Q1.L.C	Yale University
Developing Expressive Language Outcome Measures for ASD Clinical Trials	\$124,199	Q1.L.C	Trustees of Boston University
Biomarkers of Emotion Regulation, Social Response & Social Attention in ASD	\$124,827	Q1.L.C	Women & Infants Hospital
Expressive Language Sampling as an Outcome Measure in ASD	\$124,985	Q1.L.C	The Regents of the University of California (Davis)
Objective measures of social interactions via wearable cameras	\$125,000	Q1.L.C	Georgia Tech Research Corporation
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 2	\$18,321	Q1.L.C	New York University
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$0	Q1.S.B	Children's Hospital of Philadelphia
Hansen Research Services LLC	\$130,916	Q1.S.B	Hansen Research Services LLC
CMA Genetic Testing: An Intervention for Parents of Children with Autism	\$60,000	Q1.S.D	East Carolina University
Local functional connectivity in the brains of people with autism	\$49,961	Q2.L.B	Massachusetts General Hospital
Decoding Affective Prosody and Communication Circuits in Autism	\$281,028	Q2.L.B	Stanford University
Characterizing Sensory Hypersensitivities in Autism	\$215,214	Q2.L.B	Massachusetts General Hospital
Functional analysis of EPHB2 mutations in autism - Project 1	\$0	Q2.Other	Yale University
Multisensory processing in autism	\$0	Q2.Other	Baylor College of Medicine
Functional analysis of EPHB2 mutations in autism	\$62,475	Q2.Other	McLean Hospital
RNA dysregulation in autism	\$125,000	Q2.Other	ROCKEFELLER UNIVERSITY
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$246,539	Q2.Other	Stanford University
Identification of genes responsible for a genetic cause of autism	\$250,000	Q2.Other	Case Western Reserve University
Interneuron subtype-specific malfunction in autism spectrum disorders	\$240,000	Q2.Other	New York University
A functional genomic analysis of the cerebral cortex	\$0	Q2.Other	University of California, Los Angeles
Translational dysregulation of the RhoA pathway in autism	\$125,605	Q2.Other	The Regents of the University of California, San Diego

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Modeling multiple heterozygous genetic lesions in autism using <i>Drosophila melanogaster</i>	\$101,373	Q2.Other	University of California, Los Angeles
Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders	\$0	Q2.Other	Boston Children's Hospital
Atypical architecture of prefrontal cortex in young children with autism	\$0	Q2.Other	University of California, San Diego
Parameterizing Neural Habituation in ASD with Sensory Overresponsivity	\$62,479	Q2.Other	The Regents of the University of California, Los Angeles
Understanding somatosensory deficits in Autism Spectrum Disorder	\$62,500	Q2.Other	President and Fellows of Harvard College
CNTNAP2 regulates production, migration and organization of cortical neurons	\$62,500	Q2.Other	Memorial Sloan-Kettering Cancer Center
Pathogenic roles of paternal-age-associated mutations in autism	\$62,500	Q2.Other	Weill Cornell Medical College
Correcting excitatory-inhibitory imbalance in autism	\$225,000	Q2.Other	University of North Carolina
Role of LIN28/let-7 axis in autism	\$62,500	Q2.Other	Johns Hopkins University
Hippocampal mechanisms of social learning in animal models of autism	\$62,500	Q2.Other	Baylor College of Medicine
Contribution of cerebellar CNTNAP2 to autism in a mouse model	\$0	Q2.Other	University of Oxford
Impact of Pten mutations: brain growth trajectory and scaling of cell types	\$60,000	Q2.Other	The Scripps Research Institute
Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion	\$60,000	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Disrupted Homeostatic Synaptic Plasticity in Autism Spectrum Disorders.	\$125,000	Q2.Other	Brandeis University
Social interaction and reward in autism: Possible role for ventral tegmental area	\$0	Q2.Other	University of Geneva
Role of a novel PRC1 complex in neurodevelopment and ASD neurobiology	\$225,000	Q2.Other	New York University
Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes	\$125,000	Q2.Other	The Regents of the University of California, San Francisco (Contracts & Grants)
Local connectivity in altered excitation/inhibition balance states	\$0	Q2.Other	Weizmann Institute of Science
Visualizing neural circuits of social sensory processing	\$62,500	Q2.Other	University of North Carolina
Unreliability of neuronal responses in mouse models of autism	\$62,500	Q2.Other	Carnegie Mellon University
Mapping functional neural circuits that mediate social behaviors in autism	\$62,500	Q2.Other	Duke University
An investigation of inductive learning in autism	\$59,770	Q2.Other	The Regents of the University of California, Berkeley

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Bone marrow transplantation and the role of microglia in autism	\$62,380	Q2.S.A	University of Virginia
The IL-17 pathway in the rodent model of autism spectrum disorder	\$90,000	Q2.S.A	University of Massachusetts, Worcester
Immune signaling in the developing brain in mouse models of ASD	\$200,000	Q2.S.A	University of California, Davis
Immune p38-alpha MAPK activation: Convergent mechanism linking autism models	\$212,061	Q2.S.A	Florida Atlantic University
Synergy between genetic risk and placental vulnerability to immune events	\$250,874	Q2.S.A	Stanford University
Microglia in models of normal brain development, prenatal immune stress and genetic risk for autism	\$100,000	Q2.S.A	Harvard University
Roles of pro-inflammatory Th17 cells in autism	\$249,729	Q2.S.A	New York University
Regulation of cortical circuits by tsc1 in GABAergic interneurons	\$0	Q2.S.B	Yale University
Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	\$125,000	Q2.S.B	University of California, San Francisco
Disrupted Network Activity in Neonatal Cortex of Mouse Models of Autism	\$125,000	Q2.S.B	Yale University
Building awareness of the value of brain tissue donation for autism research	\$90,165	Q2.S.C	Autism Science Foundation
Rescuing synaptic and circuit deficits in an Angelman syndrome mouse model	\$60,000	Q2.S.D	Arizona Board of Regents, University of Arizona
Characterizing 22q11.2 abnormalities	\$62,498	Q2.S.D	Children's Hospital of Philadelphia
Neuronal translation in Tsc2+/- and Fmr1-/y mutant ASD mouse models	\$62,500	Q2.S.D	The Trustees of Columbia University in the City of New York
Rapid screening for cortical circuit dysfunction in autism-related mouse models	\$0	Q2.S.D	University of California, Berkeley
Neural mechanisms underlying autism behaviors in SCN1A mutant mice	\$100,000	Q2.S.D	University of Washington
Multigenic basis for autism linked to 22q13 chromosomal region	\$125,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
Dendritic 'translatome' in fragile X syndrome and autism	\$0	Q2.S.D	University of Michigan
Probing synaptic receptor composition in mouse models of autism	\$124,998	Q2.S.D	Boston Children's Hospital
Probing the neural basis of social behavior in mice	\$0	Q2.S.D	Massachusetts Institute of Technology
Mechanisms of synapse elimination by autism-linked genes	\$0	Q2.S.D	University of Texas Southwestern Medical Center
Cortico-striatal dysfunction in the eIF4E transgenic mouse model of autism	\$62,497	Q2.S.D	New York University
Motor cortex plasticity in MeCP2 duplication syndrome	\$30,000	Q2.S.D	Baylor College of Medicine

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Neurobiology of Rai1, a critical gene for syndromic ASDs	\$87,500	Q2.S.D	The Board of Trustees of the Leland Stanford Junior University (Stanford)
Linking genetic mosaicism, neural circuit abnormalities and behavior	\$0	Q2.S.D	Brown University
Illuminating the role of glia in a zebrafish model of Rett syndrome	\$62,500	Q2.S.D	The Regents of the University of California, San Diego
Potassium channels as therapeutic targets in autism	\$60,000	Q2.S.D	Administrators of the Tulane Educational Fund
Dysregulation of mTor/Tsc in 22q11DS Autism Model	\$62,500	Q2.S.D	GEORGE WASHINGTON UNIVERSITY
Fragile X syndrome target analysis and its contribution to autism	\$124,725	Q2.S.D	Vanderbilt University
Role of GABA interneurons in a genetic model of autism	\$0	Q2.S.D	Yale University
Mouse Model of Dup15q Syndrome	\$32,635	Q2.S.D	Texas AgriLife Research
The role of UBE3A in autism: Is there a critical window for social development?	\$54,450	Q2.S.D	Erasmus University Medical Center
Neural and cognitive discoordination in autism-related mouse models	\$280,480	Q2.S.D	New York University
Linking circuit dynamics and behavior in a rat model of autism	\$0	Q2.S.D	University of California, San Francisco
16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	\$100,000	Q2.S.D	University of Lausanne
BAZ1B Haploinsufficiency and the Neuro-phenotypes of Williams Syndrome	\$59,000	Q2.S.D	The Regents of the University of California, Santa Barbara
Translational dysregulation in autism pathogenesis and therapy	\$250,000	Q2.S.D	Massachusetts General Hospital
The Role of Glia in Fragile X Syndrome	\$0	Q2.S.D	Johns Hopkins University
MAGEL2, a candidate gene for autism and Prader-Willi syndrome	\$105,977	Q2.S.D	University of Alberta
Dysregulation of Mdm2-mediated p53 ubiquitination in autism mouse models	\$0	Q2.S.D	University of Illinois at Chicago
Direct recording from autism brains	\$0	Q2.S.E	California Institute of Technology
Platform for autism treatments from exome analysis	\$289,390	Q2.S.E	ROCKEFELLER UNIVERSITY
The intersection between habit and anxiety in a genetic model of autism	\$62,500	Q2.S.E	Cold Spring Harbor Laboratory
Sleep Disordered Breathing, Microparticles and Proinflammation in ASD	\$60,000	Q2.S.E	Stanford University
Direct Recordings from the Brain in Autism	\$60,000	Q2.S.E	California Institute of Technology
A gene-driven systems approach to identifying autism pathology	\$998,627	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$0	Q2.S.G	Harvard University

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Simons Variation in Individuals Project (VIP) Principal Investigator	\$198,817	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$242,046	Q2.S.G	Columbia University
Genetic investigations of motor stereotypies	\$0	Q2.S.G	Yale University
Simons Variation in Individuals Project (VIP) Site	\$0	Q2.S.G	Baylor College of Medicine
Statistical methodology and analysis of the Simons Simplex Collection and related data	\$197,422	Q2.S.G	University of Pennsylvania
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$0	Q2.S.G	Weis Center for Research - Geisinger Clinic
Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$125,000	Q2.S.G	University of Louisville
Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$436,237	Q2.S.G	Geisinger Clinic
Speech Phenotype in 16p11.2	\$99,684	Q2.S.G	Murdoch Childrens Research Institute
Beta-catenin signaling in autism spectrum disorders	\$0	Q2.S.G	University of Illinois at Chicago
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$0	Q2.S.G	Posit Science Corporation
VIP Family Meetings	\$194,646	Q2.S.G	VIP Family Meetings
Neurobiological Correlates of Motor Impairment in Children with 16p11.2	\$0	Q2.S.G	Children's Hospital of Philadelphia
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$0	Q2.S.G	Geisinger Clinic
Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	\$309,295	Q2.S.G	Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$385,668	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Site	\$245,108	Q2.S.G	Boston Children's Hospital
Imaging markers of brain malformations in people with 16p11.2 alterations	\$0	Q2.S.G	New York University
Simons Variation in Individuals Project (VIP) Site	\$275,599	Q2.S.G	University of Washington
Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses	\$0	Q2.S.G	Broad Institute, Inc.
Simons Simplex Collection support grant	\$10,000	Q3.L.B	University of Washington
University of Washington Clinical Site Network Pilot for the National Autism Cohort	\$37,500	Q3.L.B	University of Washington
Investigating the role of somatic mutations in autism spectrum disorders	\$263,892	Q3.L.B	OREGON HEALTH & SCIENCE UNIVERSITY
Simons Simplex Collection support grant	\$10,000	Q3.L.B	Yale University

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Discovery of regulatory variants underlying pediatric neurological disease	\$0	Q3.L.B	HudsonAlpha Institute for Biotechnology
Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates	\$62,500	Q3.L.B	Brown University
Role of Selfish Spermatogonial Selection in Neurocognitive Disorders	\$59,995	Q3.L.B	University of Oxford
Thompson Center Clinical Site Network Pilot for the National Autism Cohort	\$37,500	Q3.L.B	The Curators of the University of Missouri
Illumina, Inc.	\$0	Q3.L.B	Illumina, Inc.
New York Genome Center, Inc.	\$2,210,000	Q3.L.B	New York Genome Center, Inc.
Simons Simplex Collection support grant	\$10,000	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Genome-wide analysis of cis-regulatory elements in autism	\$62,500	Q3.L.B	Washington University in St. Louis
Extending ASD risk locus discovery to the non-coding genome - Project 2	\$0	Q3.L.B	Yale University
Elucidating pathogenic mutations disrupting RNA regulation in autism	\$225,000	Q3.L.B	Columbia University
Integrating large scale whole exome data with whole genome data	\$0	Q3.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University
Simons Simplex Collection support grant	\$9,159	Q3.L.B	University of Illinois at Chicago
Combining WGS from Utah high-risk pedigrees and SSC families	\$0	Q3.L.B	University of Utah
ASD Family Biobank Program	\$0	Q3.L.B	Kaiser Foundation Research Institute
Pieces of the Puzzle: Uncovering the Genetics of Autism	\$1,699,790	Q3.L.B	Broad Institute, Inc.
Accelerating Autism Genetics via Whole Population Ascertainment in Denmark	\$0	Q3.L.B	Broad Institute, Inc.
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	\$285,856	Q3.L.B	University of Washington
Structural Variation and the Genetic Architecture of Autism	\$0	Q3.L.B	University of Washington
Genome Sequencing pilot of Simons Simplex Collection	\$0	Q3.L.B	University of Washington
Mutations in noncoding DNA and the missing heritability of autism	\$244,030	Q3.L.B	University of California, San Diego
Dosage effects of DUF1220 gene subtype CON1 in autism	\$125,000	Q3.L.B	University of Colorado, Denver
Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$101,258	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)

Project Title	Funding	Strategic Plan Objective	Institution
Extending ASD risk locus discovery to the non-coding genome - Core	\$0	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Simplex Collection support grant	\$8,912	Q3.L.B	Vanderbilt University
Cryptic Genetic Causes of Autism	\$141,719	Q3.L.B	Massachusetts General Hospital
Genetic basis of autism	\$4,000,000	Q3.L.B	Cold Spring Harbor Laboratory
Whole-exome sequencing to identify causative genes for autism	\$134,203	Q3.L.B	ROCKEFELLER UNIVERSITY
Genomic influences on development and outcomes in infants at risk for autism	\$0	Q3.L.B	University of Alberta
Genomic profiling of autism families using whole-genome sequencing	\$0	Q3.L.B	Institut Pasteur
Simons Simplex Collection support grant	\$13,200	Q3.L.B	University of California, Los Angeles
Extending ASD risk locus discovery to the non-coding genome - Project 1	\$0	Q3.L.B	The Trustees of Columbia University in the City of New York
Simons Simplex Collection support grant	\$5,983	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection support grant	\$1,831	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection support grant	\$10,000	Q3.L.B	University of Missouri
University of North Carolina Clinical Site Network Pilot for the National Autism Cohort	\$24,750	Q3.L.B	University of North Carolina
Simons Simplex Collection support grant	\$8,800	Q3.L.B	Emory University
Identification and analysis of functional networks perturbed in autism	\$250,000	Q3.L.B	Columbia University
Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$24,172	Q3.Other	University of Pittsburgh
Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$29,831	Q3.Other	Carnegie Mellon University
A multi-platform approach to the functional assessment of ASD gene variants	\$120,000	Q3.Other	University of British Columbia
Interactome perturbation by large-scale mutagenesis to find risk variants ñ Core	\$97,702	Q3.Other	Cornell University
Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity	\$60,000	Q3.Other	The Regents of the University of California, San Francisco (Contracts & Grants)
Autism subtypes by gene characterization	\$318,824	Q3.S.A	University of Washington
Dosage effects of 22q11 region on autism-relevant neural systems	\$0	Q3.S.A	University of California, Los Angeles
CII Autism Program: Maternal and child infection and immunity in ASD	\$1,096,957	Q3.S.E	Columbia University
Environment-wide association study of autism	\$125,000	Q3.S.H	Erasmus University Medical Center
Prenatal folic acid and risk for autism spectrum disorders	\$127,476	Q3.S.H	Emory University



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Autism, GI symptoms and the enteric microbiota	\$0	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
Regulation of gene expression through complex containing AUTS2	\$93,908	Q3.S.J	New York University
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$100,000	Q3.S.J	Emory University
Randomized Controlled Pilot Trial of Pregnenolone in Autism	\$0	Q4.L.A	Stanford University
Evaluation of a melanocortin agonist to improve social cognition in autism	\$0	Q4.L.A	University of Sydney
Home-based system for biobehavioral recording of individuals with autism	\$291,480	Q4.Other	Northeastern University
GABA-A receptor subtypes as therapeutic targets in autism	\$0	Q4.Other	McLean Hospital
Exploring links between multisensory and cognitive function in autism	\$0	Q4.Other	Vanderbilt University
A probiotic therapy for autism	\$250,000	Q4.Other	California Institute of Technology
Prosodic and pragmatic training in highly verbal children with autism	\$0	Q4.Other	Harvard University
Treating autism and epileptic discharges with valproic acid	\$24,650	Q4.S.A	Boston Children's Hospital
How do autism-related mutations affect basal ganglia function?	\$125,000	Q4.S.B	University of California, Berkeley
A zebrafish model to identify epigenetic mechanisms relevant to autism	\$0	Q4.S.B	King's College London
Synaptic pathophysiology of 16p11.2 model mice	\$0	Q4.S.B	Massachusetts Institute of Technology
Investigating Wnt signaling variants in mouse models of ASD	\$0	Q4.S.B	University of California, San Francisco
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$103,684	Q4.S.B	University of California, Davis
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$0	Q4.S.B	University of California, Davis
Neurexin function in the prefrontal cortex and autism pathogenesis	\$250,000	Q4.S.B	Stanford University
The tissue-specific transcriptome anatomy of 16p11.2 microdeletion syndrome	\$0	Q4.S.B	Massachusetts General Hospital
Comparison of cortical circuit dysfunction in ASD model mice	\$62,500	Q4.S.B	The Regents of the University of California, Berkeley
Microcircuit endophenotypes for autism	\$62,500	Q4.S.B	University of California, San Francisco
Understanding brain disorders related to the 15q11.2 chromosomal region	\$250,000	Q4.S.B	Johns Hopkins University

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High-throughput drug discovery in zebrafish models of ASD risk genes	\$62,500	Q4.S.B	Yale University
Understanding copy number variants associated with autism	\$125,000	Q4.S.B	Duke University
The role of PTCHD1 in thalamic reticular nucleus function and ASD	\$250,000	Q4.S.B	Massachusetts Institute of Technology
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	Q4.S.B	University of California, Los Angeles
Molecular consequences of strong effect ASD mutations including 16p11.2	\$250,000	Q4.S.B	Massachusetts General Hospital
A novel window into ASD through genetic targeting of striosomes - Project 1	\$77,447	Q4.S.B	Cold Spring Harbor Laboratory
Disruption of Cortical Projection Neurons, Circuits, and Cognition in ASD	\$244,881	Q4.S.B	GEORGE WASHINGTON UNIVERSITY
16p11.2: Defining the gene(s) responsible (grant 1)	\$212,100	Q4.S.B	Cold Spring Harbor Laboratory
Biomarker discovery for low sociability: A monkey model	\$62,500	Q4.S.B	Stanford University
Detecting and Treating Social Impairments in a Monkey Model	\$146,468	Q4.S.B	Stanford University
Safety, Efficacy and Basis of Oxytocin and Brain Stimulation Therapy in ASD	\$114,583	Q4.S.B	University of Pennsylvania
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$0	Q4.S.B	King's College London
Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$0	Q4.S.B	Weizmann Institute of Science
In vivo approach to screen ASD allele functions in cortical interneurons	\$125,000	Q4.S.B	University of California, San Francisco
Analysis of oxytocin function in brain circuits processing social cues	\$125,000	Q4.S.B	Harvard University
Neural mechanisms of social reward in mouse models of autism	\$249,994	Q4.S.B	Stanford University
Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	\$138,402	Q4.S.B	University of Toronto
Exploring VIPR2 microduplication linkages to autism in a mouse model	\$42,000	Q4.S.B	University of California, Los Angeles
Cellular models for autism de novo mutations using human stem cells	\$125,000	Q4.S.B	Broad Institute, Inc.
Behavioral evaluation of a novel autism mouse model	\$0	Q4.S.B	Shriners Hospitals for Children - Northern California
In Vivo Functional Analysis of Autism Candidate Genes	\$123,750	Q4.S.B	Baylor College of Medicine
A new non-human primate model for studying communicative behaviors	\$62,500	Q4.S.B	Johns Hopkins University
Analysis of autism-associated alleles in C. elegans	\$108,061	Q4.S.B	California Institute of Technology
Role of the hippocampal CA2 region in autism	\$62,500	Q4.S.B	Columbia University

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Deep Brain Stimulation for Autistic Self-Injurious Behavior	\$0	Q4.S.B	Johns Hopkins University
SCN2A mouse	\$60,000	Q4.S.B	Duke University
Comprehensive Phenotyping of Autism Mouse Models	\$0	Q4.S.B	University of Pennsylvania
Uncovering the impact of 16p11.2del on neurons mediating motivated behavior	\$124,957	Q4.S.B	The Trustees of the University of Pennsylvania
CHD8 and beta-catenin signaling in autism	\$125,000	Q4.S.B	University of Chicago
Top-down dynamics in autism	\$105,000	Q4.S.B	ROCKEFELLER UNIVERSITY
A mouse model of top-down interactions	\$0	Q4.S.B	ROCKEFELLER UNIVERSITY
Optical imaging of circuit dynamics in autism models in virtual reality	\$165,691	Q4.S.B	Harvard University
PsychoGenics Inc.	\$98,114	Q4.S.B	PsychoGenics Inc.
Brain imaging of treatment response	\$62,167	Q4.S.B	The Hospital for Sick Children
A novel window into ASD through genetic targeting of striosomes - Core	\$170,040	Q4.S.B	Massachusetts Institute of Technology
The Role of Cation/Proton Exchanger NHE9 in Autism	\$125,000	Q4.S.B	University of California, San Francisco
Dissecting striatal circuit dynamics during repetitive behaviors in autism	\$107,254	Q4.S.B	Funda�o D. Anna de Sommer Champalimaud e Dr. Carlos Montez Champalimaud
Human Gene Editing and In Situ Sequencing of Neuronal Microcircuit Arrays	\$125,000	Q4.S.B	Harvard University
Electrophysiological consequences of SCN2A mutations found in ASD	\$60,000	Q4.S.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Identifying autism-associated signaling pathways regulated by CHD8 in vivo	\$62,500	Q4.S.B	King's College London
Role of the CUL3-mediated ubiquitination pathway in autism	\$0	Q4.S.B	Portland State University
Circuit-level developmental and functional dynamics in an ASD genetic model	\$0	Q4.S.B	Univeristy of Queensland
Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism	\$268,210	Q4.S.B	University of California, Los Angeles
Rapid drug discovery in genetic models of autism	\$0	Q4.S.B	Research Center of Centre hospitalier de l'Universit� de Montr�al
Functional connectivity in monogenic mouse models of autism	\$0	Q4.S.B	Fondazione Istituto Italiano di Tecnologia
Chromatin remodeling in autism	\$250,000	Q4.S.B	Stanford University
Optimizing social effects of oxytocin with opioid blocker	\$59,995	Q4.S.C	Yale University
Characterizing the severely affected autism population	\$276,538	Q7.C	Maine Medical Center Research Institute
Accelerating autism research through the Interactive Autism Network	\$546,402	Q7.C	Kennedy Krieger Institute

Project Title	Funding	Strategic Plan Objective	Institution
Interactive Autism Network Core and Simons Simplex Collection Registry	\$702,992	Q7.C	HUGO W. MOSER RES INST KENNEDY KRIEGER
Ortho-McNeil-Janssen Pharmaceuticals, Inc	\$449,105	Q7.C	Ortho-McNeil-Janssen Pharmaceuticals, Inc
Rhode Island population and genetics study of autism and intellectual disability	\$608,303	Q7.D	Bradley Hospital
Validation of a diffusion imaging biomarker of autism	\$125,000	Q7.D	University of Oxford
Foundation Associates	\$750,000	Q7.D	Foundation Associates
Rutgers, The State University of New Jersey	\$819,581	Q7.D	Rutgers University
Framework for genetic variants in phenotype rich family collections	\$62,500	Q7.E	Cold Spring Harbor Laboratory
Annual SFARI Meeting	\$927,132	Q7.K	N/A
Dup15q Alliance's 2015 Scientific Meeting	\$5,000	Q7.K	Dup15q Alliance
SFARI Undergraduate Summer Research Program	\$22,452	Q7.K	Yale University
SFARI Undergraduate Summer Research Program	\$24,000	Q7.K	California Institute of Technology
SFARI Undergraduate Summer Research Program	\$25,000	Q7.K	The Regents of the University of California, Los Angeles
2015 Asia Pacific Regional-IMFAR Meeting	\$5,000	Q7.K	Children's Hospital of Fudan University
Brain development and disorders EMBO Conference	\$0	Q7.K	Neurochlore
International Meeting for Autism Research (IMFAR) Support	\$50,000	Q7.K	International Society for Autism Research
The new Simons Center for the Social Brain	\$4,596,514	Q7.K	Massachusetts Institute of Technology
45th Annual Meeting	\$0	Q7.K	American Society for Neurochemistry
2014 GRC Molecular and Cellular Neurobiology Conference	\$0	Q7.K	Gordon Research Conferences
SFARI Undergraduate Summer Research Program	\$12,480	Q7.K	OREGON HEALTH & SCIENCE UNIVERSITY
2014 Neurobiology of Cognition: Circuits, Dynamics, Action and Perception Gordon Research Conference (GRC)	\$0	Q7.K	Gordon Research Conferences
2016 Biennial International Conference on Infant Studies	\$5,000	Q7.K	International Congress of Infant Studies
SFARI Undergraduate Summer Research Program	\$24,893	Q7.K	New York University
2014 GRC Fragile X and Autism-related Disorders	\$0	Q7.K	Gordon Research Conferences
SFARI Undergraduate Summer Research Program	\$24,662	Q7.K	The Trustees of the University of Pennsylvania
2015 Amygdala in Health and Disease Gordon Research Conference (GRC)	\$3,000	Q7.K	Gordon Research Conferences
Clinical Research Associates	\$3,750,000	Q7.K	Clinical Research Associates
SFARI Undergraduate Summer Research Program	\$22,777	Q7.K	University of North Carolina
Tempus Dynamics, LLC	\$209,819	Q7.N	Tempus Dynamics, LLC

Project Title	Funding	Strategic Plan Objective	Institution
Prometheus Research, LLC	\$1,778,670	Q7.N	Prometheus Research, LLC
Venividi Solutions LLC	\$135,351	Q7.N	Venividi Solutions LLC
Mindspec, Inc.	\$869,028	Q7.Other	Mindspec, Inc.
SFARI Conferences, Workshops & Events	\$210,033	Q7.Other	N/A
AWS (Amazon Web Services)	\$34,768	Q7.Other	
A multidimensional database for the Simons Simplex Collection	\$0	Q7.Other	University of California, Los Angeles
Fermi Research Alliance, LLC	\$127,550	Q7.Other	Fermi Research Alliance, LLC
NMR/cyro-mMR Machine	\$125,000	Q7.P	Texas Children's Hospital

